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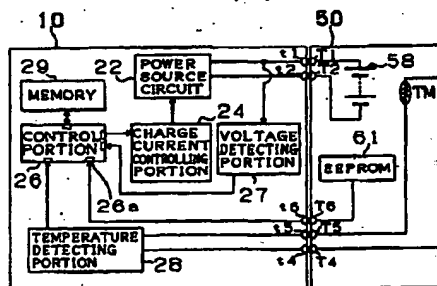
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## (54) Adapters for rechargeable battery packs

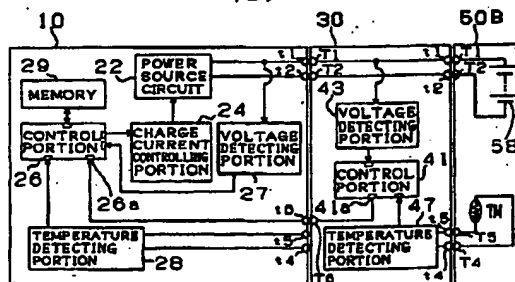
(57) Control portion 26 of battery charger 10 controls power source circuit 24 upon receipt of instructions from control portion 41 of adapter 30. Based upon these instructions, adapter 30 enables charging operations for battery pack 50B that does not have a memory storing charging parameters and/or information. Moreover, battery charger 10 also may be designed to charge a battery pack 50B even though battery charger was not originally designed to charge battery pack 50B. Adapter 30 also may enable charging operations for battery pack 50 that contains memory 61 storing charging parameters and/or battery identification information. In this case, adapter 30 reads information stored in memory 61 and generates optimal charging instructions based upon a charging program stored in control portion 41 (Fig. 1).

Fig. 1

(A)



(B)



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# EUROPEAN SEARCH REPORT

Application Number  
EP 01 10 3677

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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 20 October 2003	Examiner Lorenzo Feijoo, S
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : member of the same patent family, corresponding document</p>			

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# EUROPEAN SEARCH REPORT

Application Number  
EP 01 10 3677

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Place of search MUNICH		Date of completion of the search 20 October 2003	Examiner Lorenzo Feijoo, S
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